

Figure 1

# TRAFFIC LOG STRUCTURE

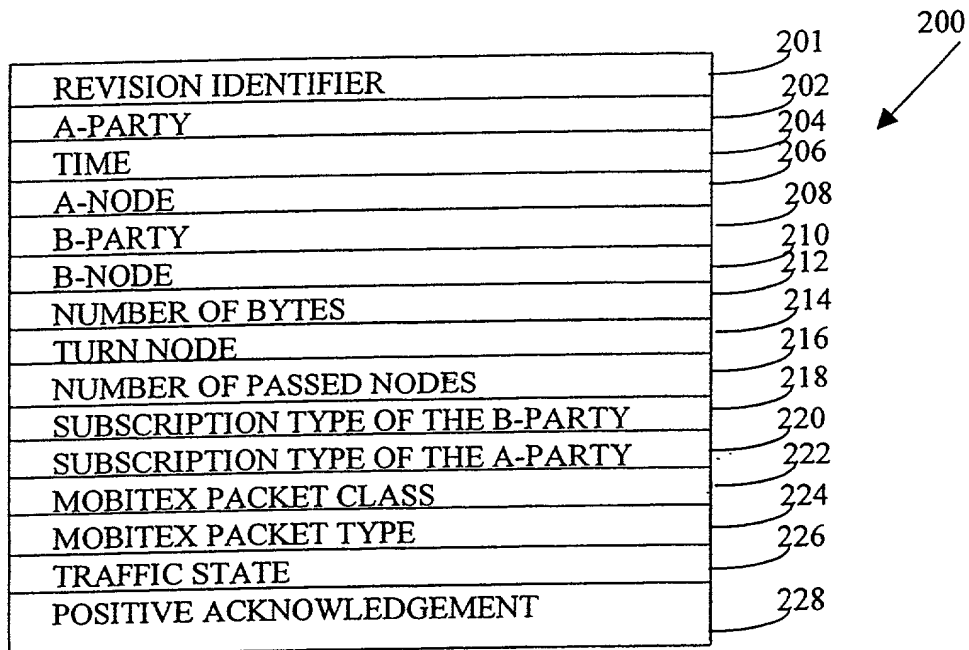


Figure 2



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

11\

```
101039.0.host
101039.1438.host
101304.0.host
...
```

12\_01\_1999\

...

12\_02\_1999\

...

...

...

...

08\_19\_2000\

```
101039.0.host
101039.1224.host
101039.1438.host
```

08\_20\_2000\

```
101039.0.host
101039.1224.host
101039.1358.host
101304.0.host
```

08\_21\_2000\

```
101039.0.host
101039.1224.host
101304.0.host
```

...

Variable	Mean	SD	Min	Max
Age	34.5	10.2	21	55
Gender	0.5	0.5	0	1
Marital status	0.6	0.5	0	1
Education	12.5	1.5	9	16
Income	1500	500	500	3000
Health status	0.8	0.2	0	1
Smoking status	0.3	0.5	0	1
Alcohol consumption	0.2	0.4	0	1
Exercise frequency	0.5	0.5	0	1
Stress level	0.7	0.3	0	1
Sleep quality	0.6	0.4	0	1
Work satisfaction	0.5	0.5	0	1
Life satisfaction	0.7	0.3	0	1
Depression score	0.4	0.5	0	1
Anxiety score	0.3	0.4	0	1
Quality of life	0.6	0.4	0	1
Healthcare utilization	0.5	0.5	0	1
Health insurance status	0.9	0.1	0	1
Chronic disease status	0.2	0.4	0	1
Family size	2.5	1.0	1	5
Home ownership	0.7	0.5	0	1
Vehicle ownership	0.6	0.5	0	1
Internet usage	0.8	0.2	0	1
Smartphone usage	0.9	0.1	0	1
Travel frequency	0.4	0.5	0	1
Food consumption	0.5	0.5	0	1
Physical activity	0.3	0.4	0	1
Social support	0.6	0.4	0	1
Work-life balance	0.5	0.5	0	1
Financial stability	0.7	0.3	0	1
Environmental satisfaction	0.6	0.4	0	1
Community involvement	0.4	0.5	0	1
Personal growth	0.5	0.5	0	1
Life goals achievement	0.6	0.4	0	1
Overall well-being	0.7	0.3	0	1



Figure 5

[illegible]

traflog\  
1999\  
1999\

11\

0.hour

1.hour

2.hour

3.hour

...

22.hour

23.hour

12\

0.hour

1.hour

2.hour

3.hour

...

22.hour

23.hour

...

2000\

...

08\

...

0.hour

1.hour

...

22.hour

23.hour

0.hour

1.hour

...

22.hour

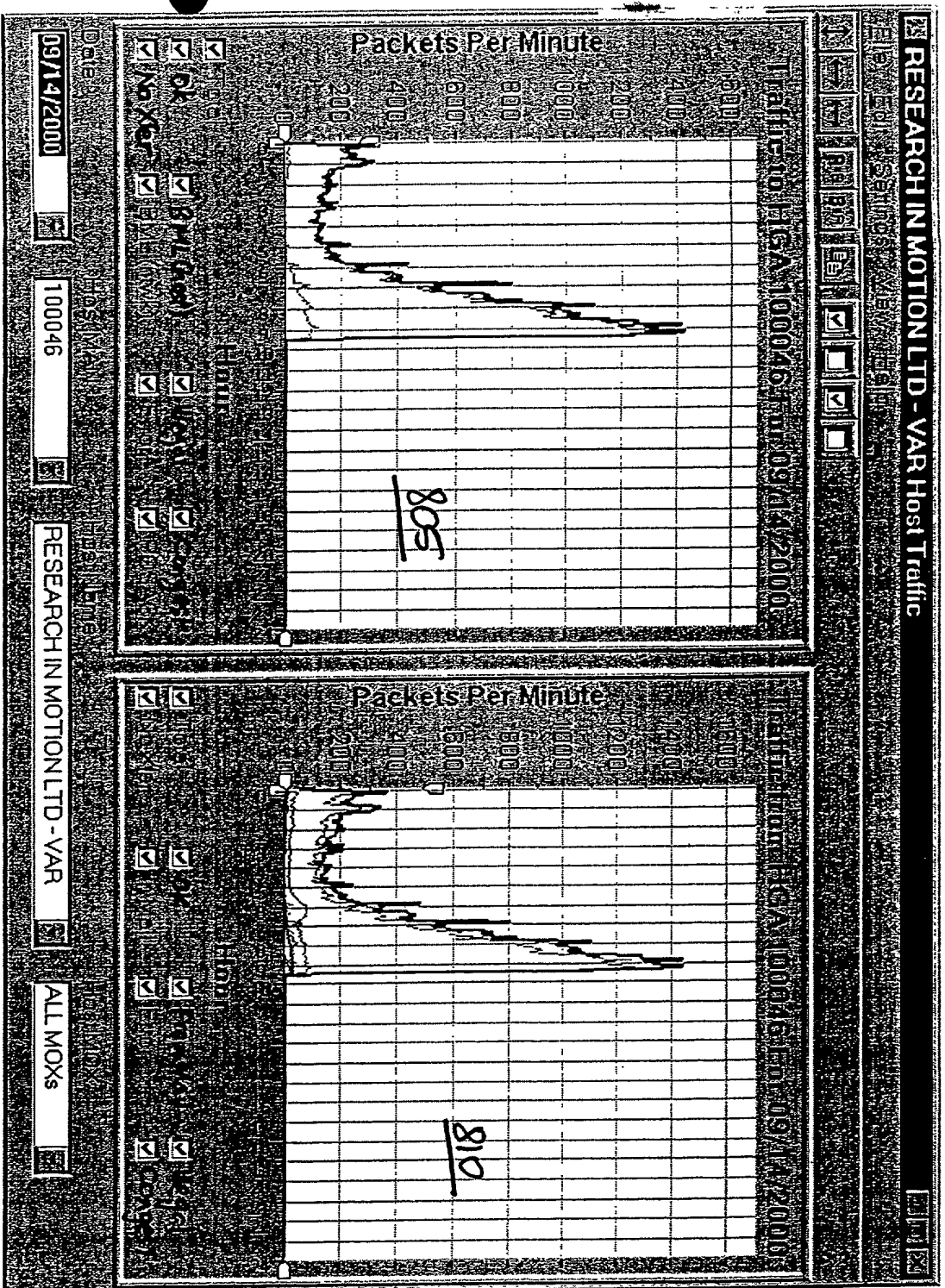
23.hour

...

Figure 6

[illegible]Figure 7

Figure 7



800

Figure 8

09/30/15 122000



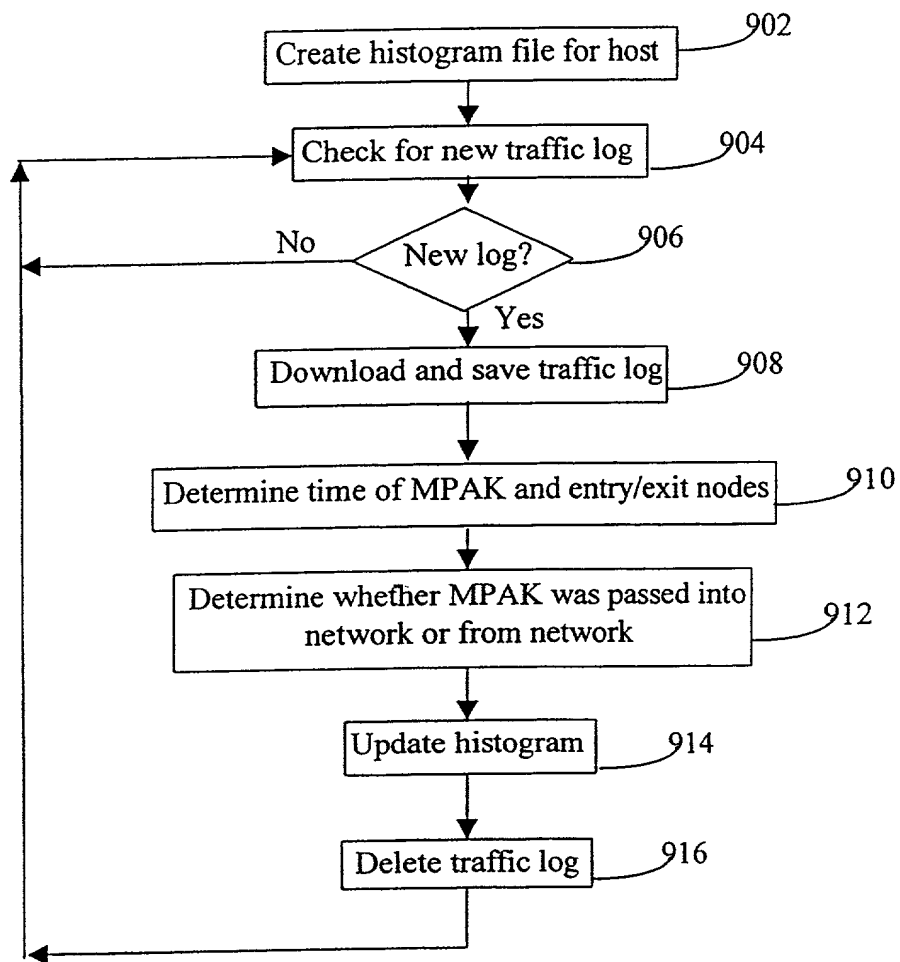


Figure 9

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graph TD; 1002[Create histogram file for node 1002] --> 1004[Check for new log 1004]; 1004 --> 1006{New log? 1006}; 1006 -- No --> 1004; 1006 -- Yes --> 1008[Download and save traffic log 1008]; 1008 --> 1010[Determine time of log and entry/exit points of MPAK 1010]; 1010 --> 1012[Determine path between entry and exit points 1012]; 1012 --> 1014[Determine nodes along path 1014]; 1014 --> 1016[Update histogram file of node(s) along path 1016]; 1016 --> 1018[Delete traffic log 1018]; 1018 --> 1004;
```

Figure 10

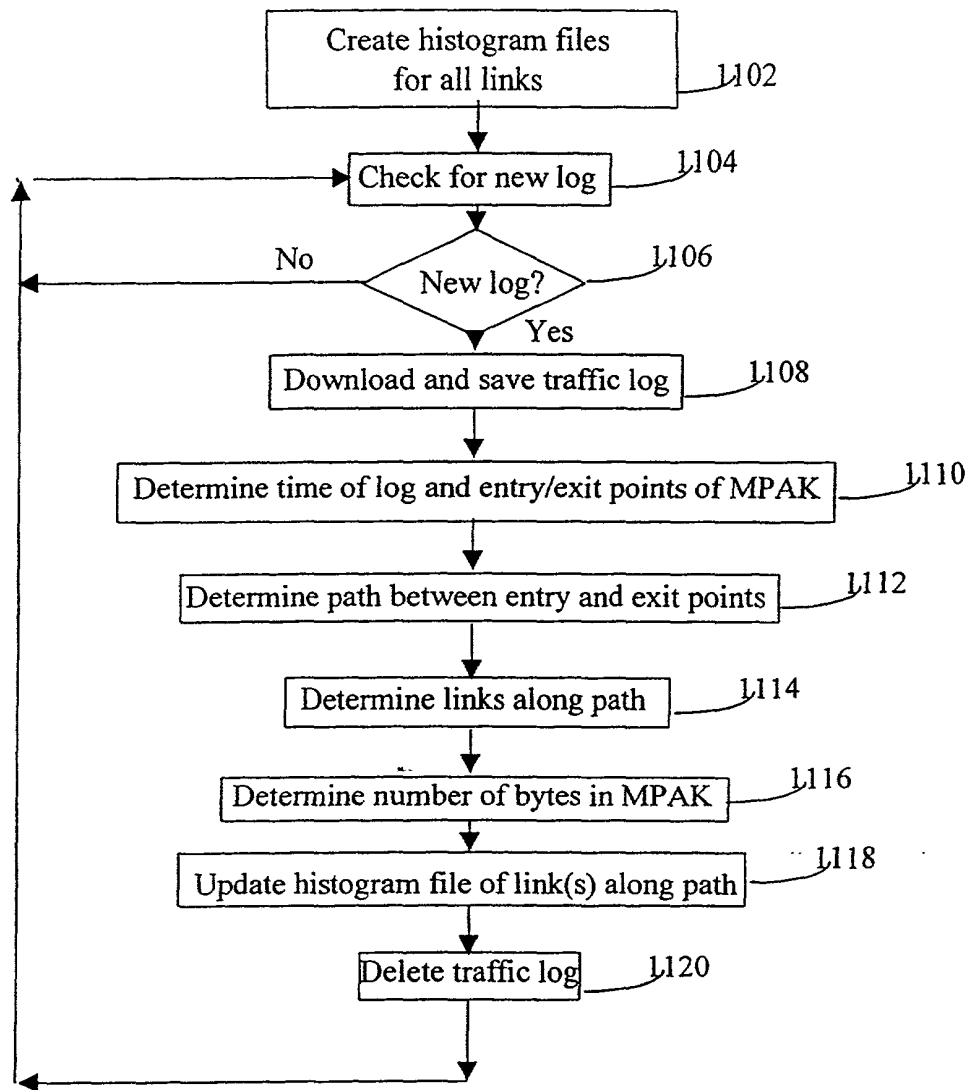


Figure 11

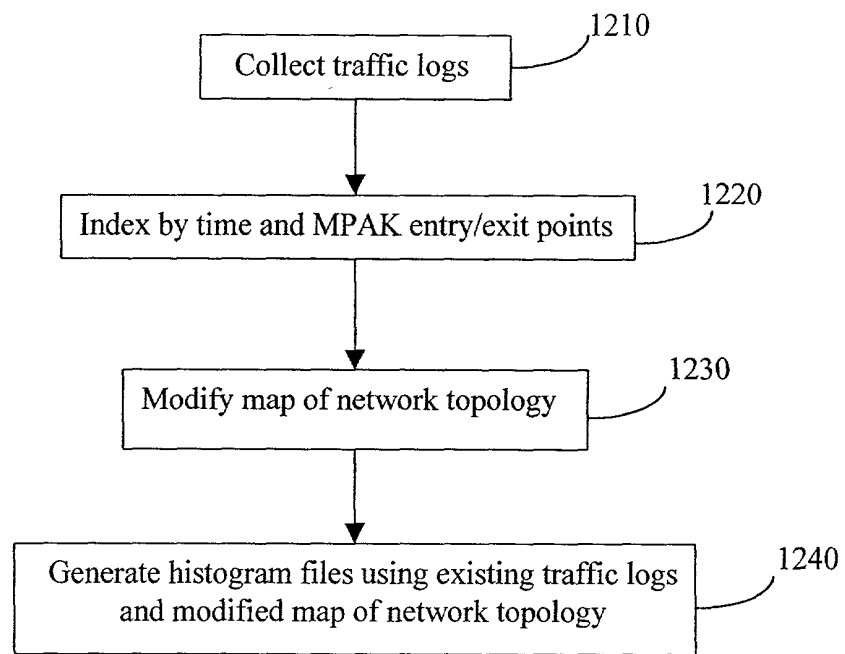


Figure 12